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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/015,881	12/17/2001	Yoshihisa Nagashima	Q67742	7280

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Washington, DC 20037-3213

EXAMINER

SKED, MATTHEW J

ART UNIT	PAPER NUMBER
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2626

DATE MAILED: 08/29/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/015,881	<b>Applicant(s)</b> NAGASHIMA, YOSHIHISA	
	<b>Examiner</b> Matthew J. Sked	<b>Art Unit</b> 2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 27 June 2006.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-48 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-48 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Response to Arguments***

1. The objection to the remarks and claim amendments filed 1/04/06 is withdrawn in view of the substitute amendment filed 6/27/06.
2. Applicant's arguments with respect to claims 1-36 have been considered but are moot in view of the new ground(s) of rejection.
3. Claims 37-48 have been newly added.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-48 are rejected under 35 U.S.C. 102(e) as being anticipated by Applebaum et al. (U.S. Pat. 6,463,413).

As per claims 1, 13 and 25, Applebaum teaches a mobile communication terminal, speech recognition method and a machine-readable medium for storing a program, comprising:

a voice pattern registration means for storing voice patterns in a memory and registering the voice patterns that have been stored in the memory with a plurality of

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directories, wherein each directory of said plurality of directories is registered with a corresponding voice pattern stored in memory (registers created new word models in memory with their associated user-supplied word, col. 3, line 50 to col. 4, line 59), each directory including a plurality of contact data types comprising telephone number contact data and at least one other type of contact data (the word corresponding to the new word model has associated alphanumeric text including an address and telephone number, col. 3, lines 6-17);

a speech recognition means for retrieving a registered voice pattern among the voice patterns stored in the memory that matches or nearly matches voice data obtained from a user (speech recognizer matches incoming speech with stored templates, col. 2, line 61 to col. 3, line 5); and

a memory search processing means for selecting a directory that corresponds to the voice pattern retrieved by the speech recognition means (retrieves matched alphanumeric text from the lexicon associated with the recognized word, col. 3, lines 6-17).

6. As per claims 2, 14 and 26, Applebaum teaches wherein the plurality of contact data types comprises telephone number contact data, electronic mail address contact data and URL contact data (address book, e-mail address directories, and web-browsers, col. 2, lines 34-50).

7. As per claims 3, 15 and 27, Applebaum teaches a data type designation means for designating the type of contact data to be used for communication based on a user

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input of a contact data type (used in multiple applications, hence the user would choose this application prior to recognition, col. 2, lines 34-50 and col. 3, lines 6-17).

8. As per claims 4, 16 and 28, Applebaum teaches wherein the memory search processing means automatically designates the type of contact data to be used for communication based on an application activation status of the mobile communications terminal (based on the current application running on the device, the system will only return the contact data relevant to the application, col. 2, lines 34-50 and col. 3, lines 6-17).

9. As per claims 5, 17 and 29, Applebaum teaches a display means for displaying contact data of the directory which is selected by the memory search processing means (Fig. 1, element 12).

10. As per claims 6, 18 and 30, Applebaum teaches a communication starting means for automatically starting communication with a contact corresponding to the directory which is selected by the memory search processing means (automatic dialer module, col. 5, lines 16-26).

11. As per claims 7, 19 and 31, Applebaum teaches a mobile communication terminal, speech recognition method and a machine-readable medium for storing a program, comprising:

a voice pattern registration means for storing voice patterns in a memory and registering the voice patterns that have been stored in the memory with a plurality of contact data (registers created new word models in memory with their associated user-supplied word, col. 3, line 50 to col. 4, line 59), said plurality of contact data comprising

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a plurality of types of contact data, wherein for each type of contact data, a voice pattern stored in the memory is registered with a corresponding contact data item independent of other contact data types (the word corresponding to the new word model has associated alphanumeric text including an address and telephone number, col. 3, lines 6-17);

a data type designation means for designating the type of contact data to be selected for communication (used in multiple applications, hence this application would be chosen prior to recognition, col. 2, lines 34-50 and col. 3, lines 6-17);

a speech recognition means for retrieving a registered voice pattern among the voice patterns stored in the memory that matches or nearly matches voice data obtained from a user (speech recognizer matches incoming speech with stored templates, col. 2, line 61 to col. 3, line 5); and

a memory search processing means for selecting a directory that corresponds to the voice pattern retrieved by the speech recognition means (retrieves matched alphanumeric text from the lexicon associated with the recognized word, col. 3, lines 6-17).

12. As per claims 8, 20 and 32, Applebaum teaches wherein the plurality of contact data types comprises telephone number contact data, electronic mail address contact data and URL contact data (address book, e-mail address directories, and web-browsers, col. 2, lines 34-50).

13. As per claims 9, 21 and 33, Applebaum teaches a data type designation means for designating the type of contact data to be used for communication based on a user

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input of a contact data type (used in multiple applications, hence the user would choose this application prior to recognition, col. 2, lines 34-50 and col. 3, lines 6-17).

14. As per claims 10, 22 and 34, Applebaum teaches wherein the memory search processing means automatically designates the type of contact data to be used for communication based on an application activation status of the mobile communications terminal (based on the current application running on the device, the system will only return the contact data relevant to the application, col. 2, lines 34-50 and col. 3, lines 6-17).

15. As per claims 11, 23 and 35, Applebaum teaches a display means for displaying contact data of the directory which is selected by the memory search processing means (Fig. 1, element 12).

16. As per claims 12, 24 and 36, Applebaum teaches a communication starting means for automatically starting communication with a contact corresponding to the directory which is selected by the memory search processing means (automatic dialer module, col. 5, lines 16-26).

17. As per claims 37, 39, 41, 43, 45 and 47, Applebaum teaches wherein the memory that stores the voice patterns, which are registered with the plurality of directories is provided in the mobile communications terminal (locally stored in the lexicon, col. 3, lines 6-17).

18. As per claims 38, 40, 42, 44, 46 and 48, Applebaum teaches wherein the voice patterns, which are registered with the plurality of directories are recorded from speech

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the user and stored in memory (generates the reference data based on user-supplied speech, col. 4, lines 13-59).

### ***Conclusion***

19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Detlef (U.S. Pat. 6,178,403) teaches storing voice patterns with contact information. Beswich teaches retrieving stored contact information through speech recognition.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew J. Sked whose telephone number is (571) 272-7627. The examiner can normally be reached on Mon-Fri (8:00 am - 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on (571) 272-7843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MS  
8/22/06



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